

AMENDMENTS TO THE CLAIMS

Claims 1-5 (Canceled).

6. **(Currently Amended)** A method of searching for an object in still or video images by processing signals corresponding to the images, the method comprising:

providing a plurality of stored image representations of three-dimensional objects, each image representation being associated with an object descriptor[[]], each object descriptor including a plurality of view descriptors, each view descriptor ~~a representation of representing the outline of the shape of a projection of each one~~ of the three-dimensional objects from a different perspective view of the three-dimensional object;

inputting a query in the form of at least a two-dimensional outline of an object;

deriving a query object descriptor of the query object;

comparing said query object descriptor with at least one of said object descriptors;

selecting and displaying at least one result corresponding to one of the image representations containing an object for which comparison between the associated object descriptor and the query object descriptor indicates a degree of similarity between the query object and said object.

7. **(Previously Presented)** A method as claimed in claim 6 wherein a query is input in the form of two or more two-dimensional outlines of an object, and wherein a query view descriptor is derived for each said outline, and wherein the step of comparing comprises comparing each said query view descriptor with each view descriptor in each stored object descriptor to derive a plurality of view-similarity values.

8. (Previously Presented) A method as claimed in claim 7 wherein the view-similarity values are analyzed to derive object similarity values.

9. (Previously Presented) A method as claimed in claim 6, wherein at least some of the object descriptors include view-independent descriptors which are related to shape and/or size of the object, and wherein the method comprises inputting a view-independent query value and the step of comparing compares the query value with the view-independent descriptors for the stored object descriptors.

10. (Previously Presented) A method as claimed in claim 6, wherein the query descriptor is derived using a curvature scale space representation of a query object outline.

Claims 11-32 (canceled).

33. **(Currently Amended)** A method of searching for an object in still or video images by processing signals corresponding to images, the method comprising:

receiving a query descriptor representing a two-dimensional view of a query object;

comparing the query descriptor with a plurality of stored object descriptors each representing a three-dimensional object, each object descriptor including a plurality of view descriptors, each view descriptor ~~a representation of~~ representing the outline of the shape of a projection of each of the three-dimensional objects from a different perspective view of the three-dimensional object, each stored object descriptor being associated with an image representation of the object; and

selecting the three-dimensional object and associated image representation when of the respective stored object descriptors matches the query descriptor.

34. (Previously Presented) The method of searching according to claim 33, wherein the query descriptor is derived using a curvature scale space representation of an outline of the query object.

35. (Previously Presented) The method of searching according to claim 34, wherein the stored descriptor is derived using a curvature scale space representation of an outline of the three-dimensional object.

36. (Previously Presented) The method of claim 6, further comprising:
deriving an object descriptor for an object in an image by:
deriving a view descriptor of a first outline of a three-dimensional object in the image,
deriving at least one additional view descriptor of the outline of the object in a different perspective view from the perspective view in the image, and
associating the two or more view descriptors to form the object descriptor.

37. (Previously Presented) The method of claim 6, wherein said selecting and displaying includes selecting and displaying an image representation of an object having a different perspective view from perspective view of said query object based on said query object matching with at least two view descriptors including a view descriptor not representing perspective view of the object in the image representation.

38. (Previously Presented) The method of claim 33 wherein one of the view descriptors corresponds to a view of the object as the object appears in the respective image representation.

39. (Previously Presented) The method of claim 33 wherein one of the view descriptors corresponds to a perspective view of the object different from the perspective view of the object as the object appears in the respective image.

40. (Previously Presented) The method of claim 33, wherein said selecting includes selecting and displaying an image representation including an object having a different perspective view from perspective view of said query object based on said query object matching with at least two view descriptors including a view descriptor not representing view of the object in the image.

41. (Previously Presented) The method of claim 6, wherein each said view descriptor is a different representation of the object from a different perspective view of the three-dimensional object.